

WARREN



"Jolly Rogers"

# SENTINEL

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May 19, 2006

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DAYS OF SUMMER  
BEGINS SOON

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SURPRISE

Lt. Gen. Frank G. Klotz, Air Force Space Command Vice Commander, and Chief Master Sgt. Ronald Kriete, AFSPC command chief, surprise Tech. Sgt. Mhel Porter, 20th Air Force, with a Stripes for Exceptional Performers promotion to master sergeant Monday. The general and chief visited Warren to learn, among other things, how the wing, 20 AF and AFSPC are preparing for the Capabilities Demonstration Exercise (CAPEX) to be held here June 20-22.

Photo by Bernie Ernst

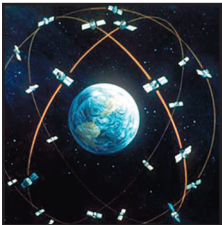
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# Commentary

## Passing of the torch

**Lt. Col. Jeff Smith**

*Commander, 320th Missile Squadron*

**1st Lt. Bull Whitaker**

*320th Missile Squadron*

Have you ever wanted to touch the past? To talk with those who went before? To understand the hopes, fears and ambitions of the men who laid the foundations of the air and space superiority we enjoy today?

Well, you'll get the chance to do just that. Later this summer, Cheyenne and the 90th Space Wing will host the 2006 reunion of the 90th Bomb Group.

Sixty years before we became the "Best Damn ICBM Unit in the World," the 90th Bomb Group was already the "Best Damn Heavy Bomb Group in the World." From the time that the 90th was stood up at Key Field, Miss., on April 15, 1942, to the end of the second world war, the combat crews of the 319th, 320th, 321st, and 400th Bomb Squadrons wreaked havoc on enemy strategic targets as part of the "Global War on Fascism" and became one of the best-known B-24 units of the war.

Under tremendous pressure, and against all odds, the men of the 90 BG flawlessly prepped and launched hundreds of missions, flying thousands of miles to put bombs on target that ultimately led to our victory in the Pacific. These heroes overcame major adversity in the pursuit of this goal.

In late August, the 90 SW will honor this group of Airmen, from our country's "Greatest Generation" sacrificed much—in many cases all—to put down aggression in the world and preserve freedom.

Members and families of the 90 BG will participate in a series of events culminating in "Passing the Torch" from our honored veterans to the men and women of the 90 SW.

When the guests arrive at Warren, they'll

register in an authentic World War II-style headquarters tent before being transported to their quarters on base. They will receive guided tours of the missile procedures trainers and training launch facilities. In addition, the group will explore historic Cheyenne, including several local museums.

At 5 p.m., Aug. 30, there will be a retreat and memorial service at the base flagpole in honor of the 90 BG members who lost their lives during WWII. Combat crew members from the 90th Operations Group will read their names as a bell tolls to mark their passing. On Sept. 2, the 90 SW will host a picnic at the base gazebo featuring period equipment and vehicles and big band music by the Heartland of America Band.

The five-day event will finish with a formal banquet at the Trail's End Club with the Heartland of America Band's groups Pinks and Greens.

Sixty years to the day after Japan surrendered to the allies, we will witness a "Pass the Torch" ceremony symbolizing the preservation and continuation of a long history of honor and tradition.

The 90 SW commander, Col. Michael Carey, and the 90 BG reunion committee plan to make this event "The Best Damn 90th Bomb Group Reunion Ever" and invite your help. Anyone interested in volunteering should contact 1st Lt. Bull Whitaker at 773-4948 or 1st Lt. Ken Moerscher at 773-3071.

## Street Talk

*"What is your favorite movie?"*



"'Tombstone,' [because it's] a western."

- **Tech. Sgt. Tad Marshall, 90th Maintenance Operations Squadron**



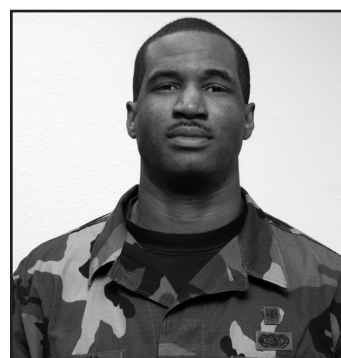
"I enjoyed 'Midway,' a classic World War II movie done with good historical references."

- **Tony Janssen, 90th Space Wing Safety Office**



"'Elmo's World.' That's what I watch with my two kids."

- **Airman 1st Class Cesar Noguez, 90th Civil Engineer Squadron**



"'The Lion King' because it reminds me of me. I'm the king of the mountain, my house is like Pride Rock and my kids are like the little animals."

- **Staff Sgt. Doug Williams, 90th Medical Operations Squadron**

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# General Klotz: CAPEX adds to Warren legacy

**Maj. Laurie Arellano**  
90th Space Wing  
Public Affairs

Lt. Gen. Frank G. Klotz, Vice Commander of Air Force Space Command, visited the 90th Space Wing on May 15, to learn among other things, how the wing, 20th Air Force and the command are preparing for the upcoming Capabilities Demonstration Exercise (CAPEX).

CAPEX is a Secretary of Defense-directed exercise, supported by the Defense Threat Reduction Agency, to demonstrate the capabilities of the United States to respond to a nuclear weapons accident and will be hosted at F.E. Warren AFB on June 20-22.

General Klotz said it is significant that Warren was chosen to host the international event, adding it is a testament to the hard work over the past four years developing and honing response skills.

"We have led the way in developing the right tactics, techniques and procedures, and in equipping and training for such an unlikely event," said General Klotz. "CAPEX is an excellent opportunity to work cooperatively with other federal agencies and local first responders on nuclear safety and security."

CAPEX is the third of four planned worldwide response

demonstrations agreed upon by the NATO-Russia Council. Russia hosted the first demonstration, AVARIYA '04, in August 2004; the United Kingdom sponsored a similar event, SENATOR '05, in September 2005; and France will conduct a comparable exercise in 2007.

F.E. Warren will host delegates from 26 NATO-Russia Council member countries visiting to observe the AFSPC Response Task Force (RTF) and the interagency cooperation in response to a nuclear weapons accident.

General Klotz emphasized the command has recently had a lot of activity in standing up the RTF, so Warren was the natural choice to host the event.

"We look forward to honing our Response Task Force skills through exercises and training," said Col. Michael Carey, 90th Space Wing commander. "It's an honor to know our leaders have confidence in the wing's ability to respond to a nuclear weapons accident."

Colonel Carey said in his mind there's no better place than Warren to hold CAPEX.

"It will show the world what I already know," said Colonel Carey. "We have the best of the best here—where we turn every challenge into a success."

In addition to the demonstration, the command's RTF will be trained during

Exercise Comanche Warrior, set for June 15 and 16. General Klotz said he believes the exercise will be an opportunity to hone the skills of the responders and practice the response on a large scale with the other agencies involved.

"It gives the command a chance to implement the lessons we learned from Diligent Warrior and gives us a chance to make sure we've got things right before CAPEX," he said.

General Klotz, who was the first RTF commander while serving as the 20th Air Force commander, said the command has made great strides since the early days of planning for a nuclear weapons accident response, and said the exercise and demonstration in June will show NATO and Russian partners the United States is fully prepared for any challenges a nuclear accident might present.

"We've made progress in that we're now formally recognized as experts," General Klotz said. "We now have consequence management teams with every convoy, we're holding annual exercises, and all of our folks are receiving training."

He added the command has a written instruction giving the RTF responsibility for responding to an accident involving AFSPC assets and the RTF now fits into the National Incident



Photo by Bernie Ernst

**Lt. Gen. Frank G. Klotz, Air Force Space Command Vice Commander, is escorted by Col. Michael Fortney, 90th Operations Group commander, at the 90 OG building. General Klotz visited Warren Monday.**

Management Plan.

In addition to continuing to train and refine the RTF processes, General Klotz said a new command and control vehicle for the Consequence Management Team is on the horizon. He said the vehicle is designed to provide far more command and control capability to respond to an event in the field.

The way-ahead for the RTF will be to continue to work with various local, state and federal agencies to improve communication and processes.

"What I would like to see is when these agencies need expertise in these matters, their first thought is to call Air Force Space Command," General Klotz said.



# What about spring?

**Matt Cox**  
90th Communications Squadron

In Wyoming, spring is in the witness protection program.

It's disguised as something else; a fifth season wearing a parka and flip-flops.

It just can't make up its mind.

If spring could talk, I think we'd commit it to the boobyhatch because of its obvious split personality.

But it makes us tough. It makes us cautious. It makes us, well, patient.

It seems like I've been waiting for summer since I was 12, and that's just this year.

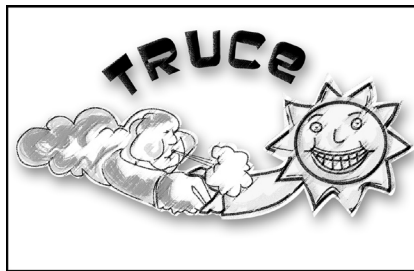
The weatherman isn't much help either because for all his training and experience, predicting Wyoming weather is like guessing how many Warren antelope will egregiously ignore all proper crosswalks.

The only sure meteorological bet here is the wind: "I can be certain of one thing," said Joe Weather-

man, "tie down your pets, it going to be windy in Cheyenne today."

If only the wind and spring could get together and come to a truce; atmospheric bipartisanship if you will.

Then the two could hammer out a schedule that works for everyone. A discussion I'd imagine would go as follows:



Spring: "How about I come around in the middle of March?"

Wind: "You know I don't really get going until then, right?"

Spring: "Yes, we all do, but I think we'd make

it easier for everyone if we spilt shifts."

Wind: "Yeah, I'm clocking ridiculous overtime here in Wyoming. I'm sold."

And with that concession of an admitted workaholic, wind and spring come to an agreement that leaves Wyoming soaked in sunshine and as still as the Bells of Balangiga.

So what about spring?

Give us two summers instead.

## NEVER TOO LATE



The USAF HG Recruiting Team conducted their visit last week. Air Force members who may have missed the team's visit do not have to wait for the next visit to apply for an assignment with the USAF Honor Guard.

For more information visit

[https://wwwmil.bolling.af.mil/orgs/OG/HG/index\\_HG.htm](https://wwwmil.bolling.af.mil/orgs/OG/HG/index_HG.htm)  
or call DSN 754-6210.



# AFSPC command chief visits Warren

**Airman 1st Class  
Connor Elayan**  
*90th Space Wing Public  
Affairs*

The command chief master sergeant of Air Force Space Command visited Warren Monday with Lt. Gen. Frank Klotz, Vice Commander, AFSPC.

"Anytime I can get out of headquarters, shake hands with Airmen and thank them for what they do, it makes my day," said Chief Master Sgt. Ron Kriete. "F.E. Warren is in great shape because there are a lot of great Airmen doing outstanding things for our Air Force."

During his visit, Chief Kriete addressed the importance of force shaping.

"One of the top issues, not just for the command but for the entire Air Force, is the force reduction of 40,000," said Chief Kriete. "It doesn't seem like a large amount unless you are one of the 40,000, and then it really affects the individual."

Chief Kriete, who has been in the Air Force for more than 30 years, says he has seen

three such cuts in his career. Although it is hard on the individuals who separate, it is for the overall good of the Air Force.

"We have to look at it logically. We have to look at ways to save the dollars," said Chief Kriete.

The chief also offered advice for those Airmen staying behind after force shaping.

"We need to ask ourselves 'can we do it better?' Can we streamline the processes to get the same result?" said Chief Kriete. "As we get to a leaner force we also need to accept technology and be smart about what technology we think will advance our Air Force and what technology in non-value added."

Chief Kriete believes a new program, Air Force Smart Operations 21, will help achieve the goals of a maximizing value and minimizing waste in Air Force operations.

"I encourage everyone to get involved with AFSO 21," said the chief. "Our Airmen have great ideas — we need to listen to see if we can cut processes."

While many Airmen are



Photo by Bernie Ernst

**Chief Master Sgt. Ronald Kriete, Air Force Space Command command chief, congratulates Master Sgt. Mhel Porter, 20th Air Force, on her Stripes for Exceptional Performers promotion.**

deployed in support of Operation Iraqi Freedom, Operation Enduring Freedom and other operations, Chief Kriete said Airmen who are deployed in place play just as important a role.

"To be deployed in place is going out there and doing a critical mission for our na-

tion. You don't need to travel thousands of miles to do that," said the chief. "If you look at the mission of Air Force Space Command and how critical it is to the nation, not everyone is going to get the opportunity to deploy to an AOR (area of responsibility) in an AEF (air expeditionary force) bucket."

As for being successful in the Air Force, Chief Kriete says attitude is everything.

"This is an all-volunteer Air Force. So if everyone is here voluntarily, everyone should have a pretty darn good attitude," said Chief Kriete. "Attitude is the key to success - attitude is everything."

## Air Force 101 Critical Days to begin May 26

This year's theme: personal protective equipment, wingmen

**Tech. Sgt. Kate Rust**  
*Air Force Space Command*

**PETERSON AIR FORCE BASE, Colo.**—Air Force Space Command's 101 Critical Days of Summer campaign kicks off over the Memorial Day weekend and is focused this year on personal protective equipment usage and wingman applications.

The annual campaign has run since the early 1980s and was developed to counter the traditional increase in Air Force mishaps and fatalities that occur during the summer months. Each installation targets its efforts based on local hazards and needs.

The 101 CDS campaign officially begins May 26 and ends at 4 p.m. Sept. 4—the Labor Day weekend. During the 2005 campaign, the Air Force reported 29 fatalities compared to 32 in 2004 and 37 in 2003, according to the Air Force Safety Center. Major contributing factors were speeding, not using seatbelts or helmets and alcohol usage; although only two fatalities in fiscal year 2005

were attributed to alcohol compared to nine in FY2003.

The campaign is having a positive effect. The Air Force's numbers are decreasing despite rising numbers of people participating in high risk activities.

"But there is still work to do," said John Phillips, Air Force Chief of Ground Safety. "Exposure to higher risk activities demands increased emphasis on personal risk management."

The 101 CDS efforts attempt to increase personal awareness of risk and thereby reduce the number of summer mishaps and fatalities. Traditional efforts include messages by senior leadership, mass briefings by commanders, weekly supervisory briefings and pre-trip, travel and departure briefings, etc. But even more effective is personal, eye-to-eye contact between commanders, supervisors and their Airmen, according to the AFSPC Safety office.

"Many Air Force jobs are high risk, like working around airplanes or other heavy equipment, and being deployed"

said Mr. Phillips. "We require them to wear personal protective equipment to minimize and manage the risks (of injury). Nevertheless, some of these same people will turn right around and operate a lawn mower at home wearing flip-flops. People just need to use more common sense."

"Sadly, we recently had an on-duty fatality where a female Airman was killed in a vehicle accident while not wearing a seatbelt," he said. "She was thrown from the vehicle and then it rolled over her. This is an accident she should have walked away from if she'd had her seatbelt on."

Risks for motorcyclists can likewise be mitigated. Air Force Safety has put emphasis on motorcycle safety for many years with safety and instruction courses, and mentorship within riding clubs. Helmets and protective gear is mandatory for military personnel regardless of when or where they ride—regardless of less restrictive state or local laws. But people still make poor decisions while off-duty.

"The Air Force had two motorcycle fatalities (in 2005) where the rider wasn't wearing a helmet," said Mr. Phillips. "Just consider—nationally, riders are at a 26 times greater risk on a motorcycle than riding in a four-wheeled automobile."

That does not mean automobiles are safe without protective measures.

"We have recently seen an increase in non-use of seatbelts in government owned vehicles and failure to wear helmets on privately owned motorcycles," said Mark Pannell, AFSPC Safety. "We feel strongly that wingman taking care of wingman is a large part of the answer."

"If you see a fellow Airman not wearing a seatbelt or motorcycle helmet, it is your responsibility to speak up," he said. AFSPC Safety is also asking commanders to nominate their people for the new AFSPC Wingman award to promote their wingman concepts.

"When your co-worker is no longer there, it is too late to speak up," said Mr. Phillips. "Do not accept unnecessary risk—not for yourself, not for your co-workers, not for your friends."



## Briefs

### Restoration Advisory Board

The Warren Restoration Advisory Board will meet at 7 p.m. Tuesday in the Regency Room of the Little America Hotel and Resort. The purpose of the RAB is to discuss current progress of, and future plans, for the environmental restoration program at Warren. The agenda will include an overview of various restoration projects and a question-and-answer period. The public is invited to attend and participate.

### Long-term parking at VCC

As a reminder, the maximum amount of time vehicles are allowed to be parked in the Warren Visitor Control Center parking lot is one hour, unless the parking slot is posted "15 minute parking." The VCC has very limited parking and those vehicles that are long-term parked are impeding the customer service security forces provides. Vehicles parked for more than an hour will be towed. The only authorized long term parking at Warren is in the parking lot outside of Gate 2.

For more information, contact Senior Airman Ronald Hale at 773-2499.

### Clinic closures

The 90th Medical Group is scheduled to be closed at 3:30 p.m. May 19. Pick up prescription refills by 3 p.m. The clinic will also be closed at 2 p.m. May 31 for a change of command ceremony. Pick up prescriptions by 1 p.m. A provider will be on call to discuss urgent medical concerns. To request a referral for urgent care after-hours, call 773-3461.

### Essay contest

Camp Island Lake ([www.islandlake.com](http://www.islandlake.com)), located in the Pocono Mountains of Pennsylvania is holding a summer camp for 9 to 15 year old military dependents Aug. 2 to 15. There are five Air Force slots being given away via an essay contest. Interested youth must submit a one to two-page essay addressing the question, "What it would mean to me to get to go to Camp Island Lake Camp this summer." Youth affected by current or recent deployment of a parent should indicate such in their essay and will be given higher priority for camp selection.

All entries must be submitted electronically by June 2 to Candace Bird at [candace.bird@pentagon.af.mil](mailto:candace.bird@pentagon.af.mil) or Eliza Nesmith at [eliza.nesmith@pentagon.af.mil](mailto:eliza.nesmith@pentagon.af.mil).



Photo by Senior Airman Tessa Cubbon

## TORCH RUN

Michelle Keney and Rebecca Griego, Special Olympics participants, lead a formation of members from the 90th Security Forces Group as they approach Gate 2 here during the Special Olympics Torch Run May 11. Officer Paul Bulman and Travis Huntley, Laramie Law Enforcement, waited outside of Gate 2 near Happy Jack Road for the torch to be passed to them. The torch's final destination was Laramie High School, Laramie, Wyo., for opening ceremonies.

# 90 OG wins missile food service award

## Awarded top honor third year in a row

Senior Airman Tessa Cubbon  
90th Space Wing Public Affairs

For the third year in a row, the 90th Operations Group brought home the gold from the Missile Food Service Excellence Award competition held here in February.

The competition is closely related to the Air Force's Hennessy award, which recognizes service excellence in dining facilities Air Force-wide.

Inspectors from Air Force Space Command graded the three-day competition. Missile field chefs were judged in 44 categories, including nutritional guidelines and recipe standards to food preparation, training, facility sanitation and kitchen leadership.

The pressure of producing top results under such scrutiny is grueling, said Master Sgt. Sean Cope, 90 OG missile chef team leader.

Since inspectors are looking at everything so closely to ensure the award goes to the top of the missile chef career field, nothing can be overlooked.

"There is just so much that goes along with that," said Sergeant Cope. "It's pretty tough."

The team will travel to the National Restaurant Association Food Show in Chicago Saturday to Tuesday to receive the award.

This is the 50th anniversary of the Hennessy award and the sixth year of the Missile Food Service Excellence competition. Sergeant Cope takes great pride in this accomplishment.

"It's the highest level of missile chef awards," he said. "Our programs ... are the best; you can't top them."

Sergeant Cope credits 90 OG training facilities as the difference maker.

"We have mock training kitchens on base - which the other bases don't have. Our training program is really robust. We have off-base training at different restaurants. We send out chefs just to freshen up their culinary skills."

"There are so many different reasons why [we won this award]" said Airman 1st Class Quintin Bradley, 319th Missile Squadron.

But it's not just the chefs' artistry and knack for knocking out delicious, eye-appealing meals for missileers and cops in the field that make Warren chefs enviable; it's the ability to work together that sets them apart.

"Our greatest strengths are teamwork, dedication to mission and just knowing how important their jobs really are," said Sergeant Cope. "They really know where they fall into the ICBM world."

"It's the top award a services person in my career field can get," he said.

"Personally, I'm just so proud of the chefs and facility managers," he said. "It's the chefs out in the field doing their job every day (that make awards like this possible)."

As for next year's competition, Sergeant Cope, the chefs and the facility managers are already preparing.

"We don't like status quo," Sergeant Cope said. "Any time we can improve in something, we do it."

With this track record, number four is just a matter of time.



# Environmental awareness

## Education and training courses offered at Warren

**Sara Cherry**  
90th Civil Engineer Squadron

In an effort to educate base personnel as well as reduce the number of Environmental Compliance Assessment and Management Program findings, a suite of comprehensive environmental training courses is being offered May 23 and 25 with a make-up day of courses on June 22 at the base theater.

This is a unique training opportunity that will benefit the entire wing. Commanders should make attendance at the appropriate level of training mandatory for people whose jobs impact the environment.

Environmental awareness classes are designed to educate attendees concerning how they affect the environment and how they can stay in compliance with laws and regulations.

The knowledge provided will allow participants to self-correct environmental problems on base leading to a reduction in violations found during the ECAMP and other environmental assessments. It should be specifically noted that all base personnel have a requirement to complete the Awareness-Level Environmental Management System Training by June 30.

All base personnel should also be trained in universal waste. These courses will be offered multiple times throughout the training days.

A total of seven different classes will be offered and should be selected based on the member's greatest environmental impacts. Maximum participation is encouraged from all base personnel for each training course.

Environmental Management System is a one-hour class mandatory for all base personnel.

This course is a requirement for all base personnel to attend by Jun 30. It gives the audience a general

understanding of the Environmental Management System. The course will describe general theory of the program, the resources that are available, and what their role is to make the system a success.

Industrial Storm Water is required for personnel at all industrial facilities. The one and a half-hour course provides basic training regarding storm water discharge and pollution prevention requirements. An overview of pertinent rules and regulations, best management practices, and specific requirements in the installation's Storm Water Pollution Prevention Plan are presented.

Construction Storm Water is required for all base personnel involved with construction projects including project managers, engineers, and inspectors. This one-hour course provides regulatory requirements for all construction projects disturbing more than one acre of land. A detailed description of National Pollutant Discharge Elimination System requirements, Storm Water Pollution Prevention Plans, as well as best management practices will be presented.

Universal Waste, a one-hour course, is required for all base personnel. This course gives comprehensive instruction on hazardous material storage and compatibility requirements as they relate to shop-level activities. This course covers how to check for compatibility, packaging, and storage requirements, what to do to move material around the installation, signage requirements, and training. Typical ECAMP findings are discussed.

The 90 minute Affirmative Procurement course is required for installation personnel who develop project specifications, perform project quality assurance duties, write contracts and task orders,

### CLASS SCHEDULE

#### MAY 23

8 TO 9:30 A.M. INDUSTRIAL STORM WATER  
9:45 TO 11:15 A.M. CONSTRUCTION STORM WATER  
12:30 TO 2:30 P.M. PCC/OWS  
3 P.M. TO 4:30 GREEN PROCUREMENT

#### MAY 25

1 P.M. TO 2 P.M. \*\*EMS / UNIVERSAL WASTE  
2 P.M. TO 3 P.M. \*\*EMS / UNIVERSAL WASTE  
3 P.M. TO 4 P.M. \*\*EMS / UNIVERSAL WASTE

#### JUNE 12

12:30 TO 4 P.M. LEAD BASED PAINT AND ASBESTOS TRAINING

#### JUNE 22

8 TO 9 A.M. \*\*EMS / UNIVERSAL WASTE  
9:30 TO 10:45 INDUSTRIAL STORM WATER  
11 A.M. TO 12:30 P.M. CONSTRUCTION STORM WATER  
2 P.M. 4 P.M. SPCC/OWS

**\*\*MANDATORY FOR ALL BASE PERSONNEL**

or purchase items.

This course covers basic AP training for installation GPC holders, including 1) an overview of the AP Program; 2) a discussion of AP Program requirements applicable to GPC holders; 3) a description of EPA-designated and bio-based items and Environmentally Preferable Purchasing requirements currently included in the program; and 4) a discussion of documentation requirements.

Spill Prevention, Control and Countermeasures/Oil Water Separators is required for each facility with an SPCC Plan or OWS. This two-and-a-half hour class will discuss contain-

ment and prevention measures that need to be in place to safeguard against oil spills at certain facilities as well as regulatory requirements and maintenance procedures for oil and water separators.

The Lead Based Paint and Asbestos Training course is required training for all personnel who have contact or control over any facilities or materials concerned lead based paint or asbestos. This three and a half-hour long course is a reportable training and is given quarterly.

For more information regarding this training, contact 2nd Lt. Douglas Blocksma at 773-4359.

# Warren cops get pulled over for charity

## Airmen waited tables to benefit Wyoming Special Olympics

**Matt Cox**  
90th Communications Squadron

Members of the 90th Security Forces Group participated in a fundraiser benefiting Wyoming Special Olympics at the Texas Roadhouse restaurant in Cheyenne April 28 through 30.

The event was an opportunity for Warren security forces to perform community service with their civilian law enforcement counterparts, and have fun doing it.

Officers from the Cheyenne Police Department, Laramie County Sheriff's Department and the U.S. Marshal Service teamed with 14 90 SFG Airmen for this year's Tip-A-Cop campaign.

The event, which has been held at the Texas Roadhouse restaurant for the past two years, gives customers a chance to do something they normally don't get to do: Pull a cop over.

Intrigued by the presence of uniformed officers roaming the restaurant, customers would grab one

and ask the question: "So, what's going on?"

The answer was all in the name of fun and charity.

Working the tables of the steakhouse just like the servers, the officers would solicit donations for Wyoming Special Olympics. The money collected will help pay for the athletes training and equipment as well as award medals.

Of the \$6,200 collected over the three-day drive, \$2,088 can be credited to Team Warren.

Master Sgt. David Torres, 90th Security Forces Squadron, was Warren's point-man for the event.

"I was asked if I could provide outgoing people to participate in the Tip-A-Cop event, and I'm always looking for volunteer opportunities for Airmen," he said. "The response was overwhelming; I had to turn down individuals because we already had too many volunteers."

Warren members clocked more than 20 volunteer hours over the weekend.

One Warren volunteer, Airman 1st Class Sarah



Photo by Mike Layton

Master Sgt. David Torres, 90th Security Forces Squadron, (right) and a Texas Roadhouse waitress sing to patrons at the restaurant in Cheyenne April 28. Fourteen 90th Security Forces Group members donated time at the restaurant for the annual Special Olympics Tip-A-Cop fundraiser April 28 to 30. The event, sponsored by local law enforcement, gives officers a chance to work with the public in a positive way while raising money for the Wyoming chapter of Special Olympics.

Day, 790th Missile Security Forces Squadron, was glad to help.

"I waited tables for four years before I joined the military, and I was excited to do the same type of thing again," she said. "It feels great to volunteer."

Airman Day spent about eight hours volunteering.

Staff Sgt. Jeffrey Dausey, 90 SFS, punched 20 hours on his volunteer timecard.

Like Airman Day, Sergeant Dausey took the

event to remember his days in the restaurant business: "I was only supposed to work two days, but I ended up working three because I had such a great time."

Tedy Schneider from the Laramie County Sheriff's Department is the event's organizer.

She said the turnout was great and the public reaction and generosity helped the Tip-A-Cop campaign exceed its \$5,000 goal.

"It was very successful," she said. "It also was great

for civilian and military law enforcement officers to work together for something positive."

She estimated that about 30 volunteers from all branches of law enforcement participated.

Texas Roadhouse manager Nate Stein couldn't say enough about the event.

"Our customers were a little shocked at first," he said, "but once they understood what was going on, they were great."



# Space cadet 101: How AFSPC is vital to you

**Capt. Nicole Walters**  
*90th Space Wing Public Affairs*

Remember when cell phones were a luxury, and you were the cool kid on the block with the cell phone?

Now cell phones have become indispensable: you can talk virtually anywhere, anytime to anyone in the world and send pictures, video and text messages.

But how does your cell phone work? And why is space vital to the equation?

First of all, let's lay the obvious foundation: a cell phone is actually a radio. It sends signals to a tower (all the little bars mean your reception to the tower). The city is broken into small cells that allow a large number of people to use their phones simultaneously, and cells will transfer you from one cell to another when you travel. But how does the cell phone company know you from everyone else?

There are several codes programmed into your phone. A system identification code, which is called SID for short, is a unique five-digit number the Federal Communications Commission assigns to each carrier. The electronic serial number is a 32-bit number programmed into the phone when it was manufactured and the mobile identification number is your phone number.

So you turn the phone on, and it searches for control channels at the base station. If the cell phone can't find any (there's no tower, you forgot to pay the bill, etc.) it displays "no service".

Let's say the phone is able to reach the base station via the tower. The mobile telephone

switching office compare SIDs, and then the phone will transmit a registration request; after all, you did pay your bill. The MTSO tracks you on the database and pinpoints your location on the grid. The MTSO will match frequencies between you and whom you called, and now you are good to go, right?

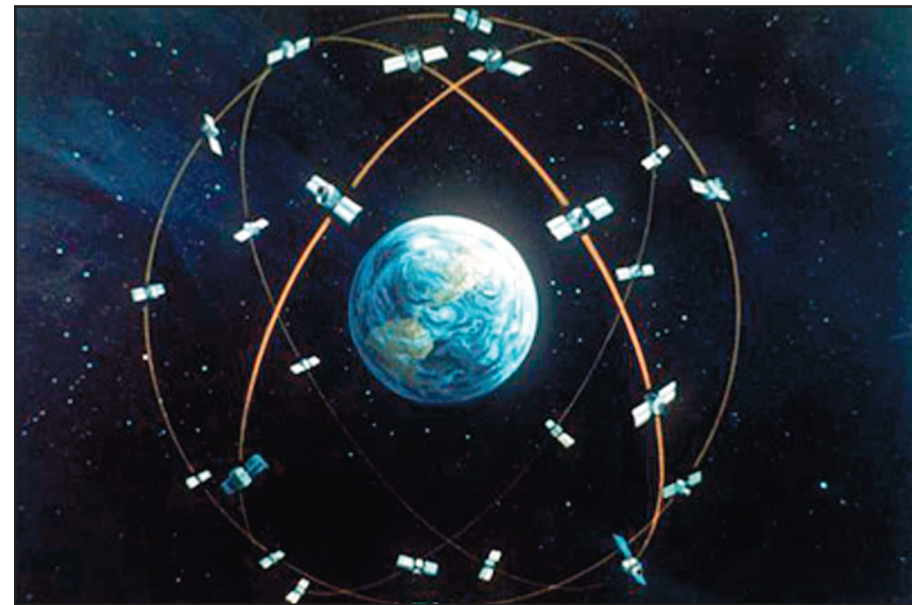
So now you drive your car into a ditch, because you are talking on your cell phone about how Chris Daughtry got robbed out of the American Idol limelight. Fortunately, in 2000 the FCC began requiring cellular-phone service providers to be able to identify the location of a cell-phone caller who dials 911 via the Global Positioning System.

Keynote: cellular-phone service provide must be able to identify your location. While large cities' dispatch departments have equipment to track you via GPS, Cheyenne dispatch doesn't have the equipment—they have to do it the old fashioned way of calling your provider to get the GPS information.

The Global Positioning System consists of 24 Earth-orbiting satellites, which the military developed and implemented the GPS network as a navigation tool, but soon opened it up to everybody else.

The gravity of the GPS is almost too much to grasp, which is why it's a good thing there's no gravity in outer space. Each satellite weighs between 1.5 to 2 tons and they rotate Earth twice a day.

The 2nd Space Operations Squadron at Schriever, Air Force Base, Colo., is constantly working overtime (much like cops and



Graphic courtesy DoD

missileers). They perform the command and control mission for the GPS satellite constellation, which makes up more than 40 percent of Air Force Space Command's active satellites.

That means the GPS system is constantly working because they are.

A GPS receiver locates four or more satellites, and uses a complicated math process called trilateration to plot your distance to the four satellites and thereby deduce the location. Actually, it deduces two locations: one on earth and one deep into outer space. Since obviously you aren't in outer space, it throws out that answer and keeps the one of you on Earth.

"Besides being used in individual cell phones, GPS plays a critical role in overall cell phone (and other phone) lines and services," stated Edward Parsons, 50th Space Wing Public Affairs chief. "GPS provides vital timing information to keep their systems

operating smoothly."

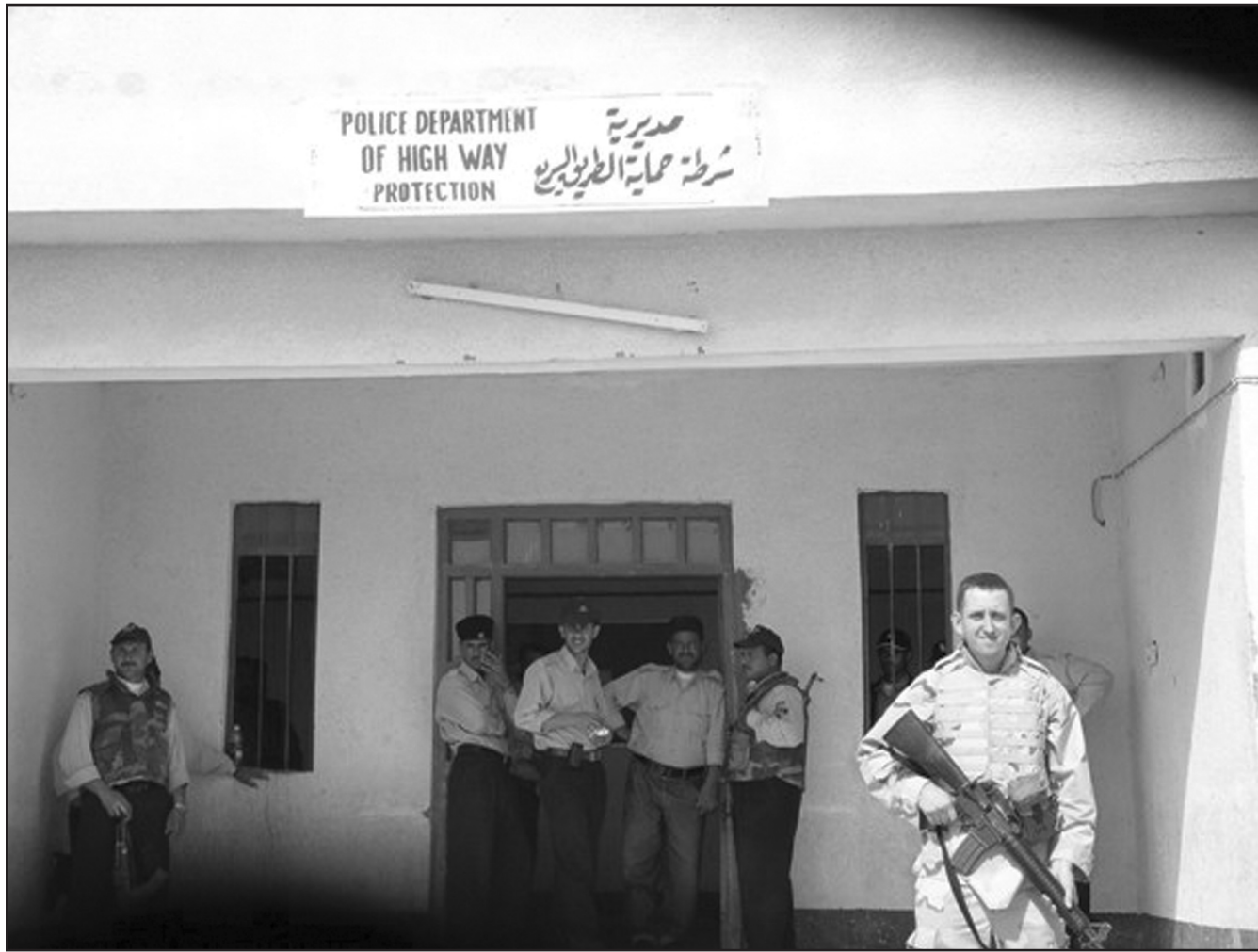
Each GPS satellite carries four clocks synchronized to GPS time (coordinated universal time). The clocks are so precise; they are accurate to within one-millionth of a second.

So while you just got a bump on the head and a banged up car for 'being efficient' by talking on your cell phone while driving, the fish and wildlife service were tracking mountain lion movements in California towns to protect the citizens.

GPS information is used in literally millions of ways: it's used to plot the Earth's volcanoes, note locations and movement of protected species and even help predict tsunamis.

The program that began as a military tool is now an invaluable service (and a \$10 billion commercial industry).

Name something happening in the world and Space Command is helping make it faster, better and more efficient—even you via your cell phone.



Courtesy photo

## LENDING A HELPING HAND

Senior Airman Justin Betts stands outside a local police station near Ali (Tallil) Air Base, Iraq, recently. Airman Betts, deployed from the 90th Communications Squadron, was needed to help fix the police station's high frequency radio system. Trips outside the air base are rare, except for convoy duty. Airman Betts worked with the Office of Special Investigations to pick a day that would be safe to go to the police station and to safely transport him there. His attempt to repair the radio was successful.



# Asian Pacific Heritage Month

## Asian Pacific Americans in the military

**2nd Lt. Victoria Haymond**  
*90th Mission Support Squadron*

May is Asian Pacific American Heritage Month. In 1978, President Jimmy Carter signed a Joint Resolution designating the annual celebration declaring the first Asian Pacific American Heritage Week as May 4 to 10, 1979. Then, in May 1990, the annual celebration was expanded further by President George H.W. Bush to a month long celebration to recognize the milestones Asian Pacific Americans have overcome in history.

As of today there are approximately 10,042 Asian Pacific Americans serving on active duty in the Air Force, according to the Air Force Personnel Center demographics Web site. Of these, 1,942 are officers and 8,100 are enlisted.

Throughout military history there have been many firsts by Asian Pacific Americans throughout the country. In 1913, Pvt. Jose Nisperos was the first Asian Pacific American to be awarded the Medal of Honor for his actions on Sept. 24, 1911. Private Nisperos served as part of the 34th Company, Philippine Scouts. During this time, he engaged in combat in the Philippine Islands, and was seriously wounded. His wounds consisted of a broken and lac-

erated left arm and several spear wounds in his side so that he could not stand. At this time, he continued to fight, firing his rifle with one hand until his enemy was repulsed. This aided materially in preventing his party from being destroyed, thus, making him the first Asian Pacific American to receive the Medal of Honor.

Another Asian Pacific American in military history is Korean American Col. (Ret.), Young Oak Kim. He was the first Asian American to command a combat battalion in war. He is also, to date, the most highly decorated Asian American soldier.

He served in the Army as a member of the 100th Battalion throughout World War II and the Korean War. Colonel Kim was born in Los Angeles to Korean immigrants, Soon Kwon and Nora Koh Kim. He enlisted in the Army in January 1941, and as the only Asian American, was selected for the infantry officer candidate school in Fort Benning, Ga. He was assigned to the 100th Infantry Battalion and received his first Silver Star and Purple Heart in Italy. His most memorable achievement was the battle of Anzio, where he volunteered to capture German soldiers for intelligence information. Colonel Kim and another soldier crawled more than



Photo by Senior Airman Tessa Cubbon

**Evangeline Bratton, member of Ohana Hawaii, dances during the Asian Pacific Heritage Month Food Sampling at the Pronghorn Center here Friday. Mrs. Bratton's Hawaiian name is Kahala, which means "blue ocean."**

600 yards directly below German observation posts with no cover and captured two prisoners. They gathered information that contributed to the fall of Rome. For this, Colonel Kim received the Distinguished Service Cross.

Later in his career, and after many other awards and achievements, Colonel Kim re-enlisted in the Army and when promoted to major, he became the first Asian American to command a combat battalion in war. The first Asian American four star general in history is Gen. Eric K Shinseki. He served as the 34th chief of staff of the

Army from 1999 to 2003. He is the highest ranking Asian in the armed forces to date. General Shinseki is a Japanese American who was born Lihue, Kauai (Hawaii). He graduated from the Military Academy in 1965. He has had numerous command positions and is the only Japanese American to ever be promoted to the Army's highest position. A few of his medals include the Defense Distinguished Service Medal, Distinguished Service Medal, Legion of Merit, Bronze Star, Meritorious Service Medal, and two purple hearts.

Last, the first Asian

Pacific American female to be selected for general and the first female general in the Army Judge Advocate General Corps is Army Reserve Brig. Gen. Coral Wong Pietsch. She was promoted to brigadier general on July 20, 2001. She is now the chief judge for the Army Legal Services Agency in Falls Church, Va. She has had more assignments as a command staff judge advocate than almost any other officer in the Army. With more than 26 years active duty and Army Reserve service, she is the first Asian American female to be selected for general.



Photos by Senior Airman Tessa Cubbon

Warren members and family members practice walking drills, led by Kevin Vance, sensei, during the Shorin-Ryu/Okinawan Martial Arts class at the Warren Community Center May 10. Karate classes are held at the community center Mondays and Wednesdays 6:30 p.m. to 8 p.m. The cost is \$30 for 22 classes. For more information, contact the community center at 773-3510.

# Warren members learn karate



Zachary Carnes, 13, shows his martial arts skills during a walking drill led by his sensei at the community center here.



Above: Kevin Vance leads his students during the karate class held at the community center May 10.

Right: Instructor Kevin Vance demonstrates blocking techniques with Airman 1st Class Martin Garcia, 90th Security Forces Squadron, during the martial arts class here May 10.



# CATM instructor says Air Force is family affair

*Staff Sgt. Johnathen Henry, 90th Security Support Squadron, recently talked to Senior Airman Tessa Cubbon, 90th Space Wing Public Affairs, about the behind the scenes work at the Warren Combat Arms Training and Maintenance Office, basketball and being a family man.*

**What do you do at the Warren Combat Arms Training and Maintenance Office?**

I maintain, monitor, de-conflict and schedule 11 different weapons specialties for the whole 90th Space Wing, Army and Air National Guard, Navy and deployments coming out of Buckley AFB, (Colo.), [and I] coordinate with Camp Guernsey for joint firing.

**What's the best part about your job?**

Dealing with other base agencies, not just cops.

**Describe your typical work day.**

Seventy-five percent of the time I'm replying to e-mails pertaining to firing, scheduling, re-scheduling and deployments. The other 25 percent of the time I'm on the phone resolving the same issues. I also coach on the firing line.

**What do you think other people misunderstand or take for granted about your job?**

I schedule around 5,500 troops a year - and each instructor trains over



Photos by Senior Airman Tessa Cubbon

Staff Sgt. Johnathen Henry, 90th Security Support Squadron, coaches a student at the CATM firing range here May 5.

700 troops a year. A lot of people don't understand the work load for CATM.

**What do you do when you're not working?**

Spend time with my family, and go to the gym.

**Who's your hero?**  
My father.

**Why is your father your hero?**

He has always been there for me as a mentor. I am the man I am today because of him.

**When you were a kid, what did you want to do when you grew up?**

To play basketball overseas.

**What made playing basketball overseas appealing to you?**

[I wanted] to travel and maybe even to play at a professional level.

**What's the biggest honor you've ever had?**

When my high school basketball team won state championship playing at the Boston Garden.

**What volunteer work do you do?**

I volunteer at my daughter's school and at the youth center.

**What do you do at your daughter's school?**

[I help out] when they go on field trips and school functions.

**What other activities do you participate in on base?**

I am a part of the NCO Council. I play football, basketball and softball for the squadron.

**What's your favorite part about working/living at Warren?**

It's quiet.

**Where are you from originally?**

Boston.

**When and why did you join?**

October of 1999. Both of my parents were in the Air Force. We lived a pretty comfortable life, and I wanted to do the same for my family.

**What did you do before the Air Force?**

I was a heat and air repair man, and I worked at Subway.

**What do you hope to do with your life?**

To achieve the rank of senior master sergeant. That's one rank higher than my father [achieved].



Sergeant Henry gives Senior Airman Robert Sculthorpe, 90th Missile Security Forces Squadron, pointers while inspecting the student's target downrange after firing his weapon here May 5.

This page is reserved to recognize outstanding Warren members.  
To nominate, e-mail the Sentinel staff at [sentinel@warren.af.mil](mailto:sentinel@warren.af.mil).

## Warren vs. Minot boxing fight

The Warren boxing team will fight against the team from Minot 7 p.m. Saturday at the Fall Hall Community Center. Entry is free and refreshments will be available for purchase.

For more information call 773-3511.

## Kayak clinic

A two-day kayak clinic is scheduled to be held May 27 to 28 at Colorado's Chatfield State Park near Denver. Day one will include kayak basics: boat familiarity, entry/exit procedures, strokes and steering and t-rescue. Day two will include a four to five-hour float through a series of water conditions in S. Platte River. All equipment, instruction and transportation are included. The cost is \$175 per person.

For more information, call outdoor recreation at 773-2988.

## Celebrity bartenders wanted

Shirts, chiefs and commanders come be a celebrity bartender during social hour

on Friday nights at the Trail's End Club. See club staff member for details.

## Mongolian night

Come to the Trail's End Club from 5 to 7 p.m. Wednesday for Mongolian night. A children's plate (3 ounce choice of meat) is \$4.95, light appetite (5 ounce choice of meat) is \$7.95, and hungry appetite (9 ounce choice of meat) is \$10.95. Nonmembers pay additional \$2. Reservations are recommended.

For more information, call 773-3048.

## Progressive Jackpot is back

Progressive Jackpot is every Friday night at the club. It starts at \$50 and increases \$25 each week up to \$1,000 or until won. A club member's name will be drawn each week. Member must be present to win.

## Club scholarships

Air Force Club memberships are helping members and their families combat the costs of higher education. Six individuals will be selected to

receive a combined total of \$25,000 in scholarship money given away in the Air Force Club Membership Scholarship Program. To enter, write and submit an essay of 500 words or less on this year's topic: "Proud to be an American." Entry forms can be obtained at the Trail's End Club. For more information, call 773-3048.

## Paintball is open

Open play at the base paintball field (south of Missile Drive across from Famcamp) is scheduled for 6 to 8 p.m. every Thursday in May. The cost is \$12 and includes marker, 20 ounce Co2, first hopper of paint and safety gear. Additional paint is available for purchase on-site for \$60 per case, \$30 half case or \$20 for 500-ct bag. Bring your own equipment for a \$5 use fee (no outside paintballs). Sign up by 3 p.m. day of play. Minimum age to play is 12. All players under 18 require parental permission.

For more information, call 773-2988.

## Link Up 2 Golf

One more session of the

Link Up 2 Golf program is scheduled for 5 to 7 p.m. Monday and Thursday. Students will receive eight hours of group lessons, course etiquette, complimentary rental clubs, swing mechanics, terminology, proper behavior and how to maintain speed of play. The cost is \$99. Class is limited to six students. To sign up, call 773-3556.

## Warren Triathlon

The 16th Annual Warren Triathlon is scheduled for Saturday. The triathlon is a 500 yard swim, 12 mile bike ride and a two and a half mile run. Teams and individuals may participate. The entry fee is \$30 per individual or \$45 per team. Enter by Wednesday.

The triathlon begins at 7 a.m. with packet pickup and check-in beginning at 6:30 a.m. All participants receive a T-shirt.

Age groups for individual entries are 29 and younger, 30 to 39, 40 to 49 and 50 and older. Team categories are men's, women's and mixed. An awards ceremony will follow at the post-race party.

For more information, call

the aquatic center at 773-3195.

## Vet clinic closure

The Warren Veterinary Clinic, located in Building 288, will be closed through Sunday and will reopen Monday at 8 a.m. Normal hours of operation are Mondays, 8 a.m. to 1 p.m., Tuesdays, 8 a.m. to 3 p.m. (closed noon – 1 p.m.), Wednesdays, 8 a.m. to 1 p.m., Thursdays, 2 to 7 p.m. and Fridays, 8 a.m. to noon.

For an appointment call 773-3554.

## Archery range

The community center staff has recently opened an archery range annex in Building 313. Those interested in using the range must have their own equipment and take a certification class. Experienced archers can take the basic certification class for \$10 and those with little or no experience are required to take the instructional certification class for \$25. To schedule a certification class, call 773-3511. Once certified, the range is available by key check-out from the community center.





## Air Force Assistance Fund

INSTALLATION	CAMPAIGN GOAL	TOTAL	% OF GOAL
BUCKLEY	24,438.00	31,355.00	128.3
<b>F.E. WARREN</b>	<b>45,942.00</b>	<b>50,996.00</b>	<b>111.0</b>
LOS ANGELES	34,166.00	35,507.00	101.1
MALMSTROM	50,967.00	50,991.00	100.0
PATRICK	41,189.00	37,384.16	90.2
PETERSON	81,917.00	131,849.85	161.0
SCHRIEVER	31,235.00	43,710.37	139.9
VANDENBERG	47,866.00	72,901.00	152.3
<b>SPACE Total</b>	<b>357,720.00</b>	<b>454,694.38</b>	<b>127.1</b>

## Education briefs

### Commissioning workshop

The Warren Education Center is presenting a Commissioning Workshop for active duty enlisted members 2 p.m. June 13 in the education center, room 24. Presentations will include ROTC programs, Officer Training School, the Air Force Academy and prep school.

For more information on commissioning programs or to register for the workshop, call 773-2117.

### Troops to Teachers

Troops to Teachers is a program that can provide assistance for troops considering teaching as a second career. Air Force Tuition Assistance may also be used for courses leading to teacher certification.

For more information call 773-2117.

### Attention American Military University students

Richard McMullen, education coordinator for American Military University is scheduled to be available from 10 a.m. to 2 p.m. May 31 in Room 28 of the education center to meet with students.

### Attention University of Phoenix students

A University of Phoenix representative is available Mondays from 1 to 3 p.m. in Room 28 at the education center to meet with students enrolled in UOP programs.

### Need a tutor?

The education center staff has compiled a list of tutors available for active duty students enrolled in college courses. Those interested in obtaining the assistance of a tutor, call the education center at 773-2117.

## Commanders Access Channel 19

EVENT	TIME
Base Advertising	12 to 12:30 a.m.
Pentagon Channel	12:30 to 3 a.m.
Base Advertising	3 to 3:30 a.m.
Pentagon Channel	3:30 to 5 a.m.
Base Advertising	5 to 7:01 a.m.
Peacekeeper Deactivation Video	7:01 to 7:06 a.m.
Base Advertising	7:06 to 8 a.m.
Pentagon Channel	8 to 9 a.m.
Base Advertising	9 to 9:01 a.m.
Peacekeeper Deactivation Video	9:01 to 9:06 a.m.
Base Advertising	9:06 to 9:30 a.m.
Pentagon Channel	9:30 to 12 p.m.
Base Advertising	12:00 to 12:01 p.m.
Peacekeeper Deactivation Video	12:01 to 12:06 p.m.
Base Advertising	12:06 to 12:30 p.m.
Pentagon Channel	12:30 to 3 p.m.
Base Advertising	3 to 3:01 p.m.
Peacekeeper Deactivation Video	3:01 to 3:06 p.m.
Base Advertising	3:06 to 3:30
Pentagon Channel	3:30 to 5 p.m.
Base Advertising	5 to 5:01 p.m.
Peacekeeper Deactivation Video	5:01 to 5:06 p.m.
Base Advertising	5:06 to 5:30 p.m.
Pentagon Channel	5:30 to 7 p.m.
Base Advertising	7 to 7:01 p.m.
Peacekeeper Deactivation Video	7:01 to 7:06 p.m.
Base Advertising	7:06 to 7:30 p.m.
Pentagon Channel	7:30 to 9 p.m.
Base Advertising	9 to 9:30 p.m.
Pentagon Channel	9:30 p.m. to 12 a.m.

**Tune in for the latest base information SCHEDULE**

